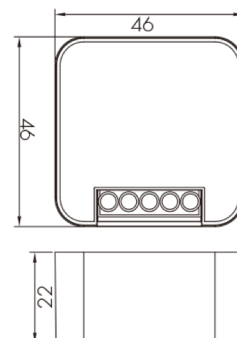
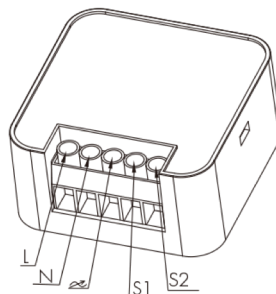
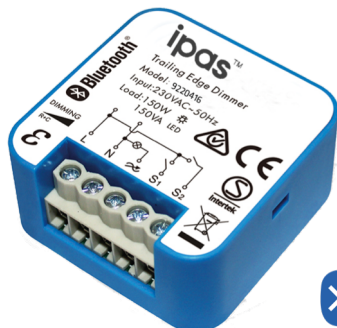


FDV DOKUMENT

Dimme-lusa Bluetooth Traic DIM 1-150W

14 017 35 / 9220416

ipasTM



Art nr	El nr	Produktnavn	Å	Lysytelse	DIM	System eff	CRI	Lys farge	IP	Farge
9220416	14 017 35	Dimme Lusa Bluetooth Traic DIM				150W Max			20	Blå

Tekniske data:	1-150VA (capacitive load), 1-150W (resistive load)									
Spenning:	220-240VAC 50Hz									
Standby power:	<0,5W									
Tilkobling:	skruklemmer									
Operation frequency:	2.4 GHz – 2.483 GHz									
Transmission power:	7 dBm									
Range (typical indoor):	15 – 30m									
Protocol:	Bluetooth 4 Wireless Mesh									
Dimming:	Triac DIM									
Omgivelsestemp:	-20°C +50°C									
Safety standard (LVD):	IEC/EN61058, AS/NZ61058									
Radio Equipment (RED):	EN300 328, EN301 489, EN62479									
Sertifisert:	Semko, CB, CE, EMC, RED, RCM									
Omgivelsestemp:	-20°C +50°C									
Materiale:	Polykarbonat									
Farge:	Blå									
IP Klasse:	IP20									
Isolasjonsklasse	Klass II									
Levetid	50 000 hrs									
Produktstørrelse	46x46x22mm									
Vekt	66g									
Antall per eske	1stk	Dimensjon: 55x55x24mm				Vekt: 0,086 kgs				
Antall per ytterkartong	60stk	Dimensjon: 410x310x240mm				Vekt: 5,20 kgs				

Resirkulering/WEEE:

Produktet er definert som miljøavfall og skal samles inn av et EE-returselskap. IPAS er medlem av Renas AS. Se mer på www.renas.no

Rengjøring:

Planmessig rengjøring gir deg best belysning over tid.

Gjør anlegg alltid strømløst før rengjøring.

Det anbefales støvtørking med mikrofiber. Intervaller avhenger av bruksområdets støv-/smussmengde. Unngå sterke kjemikalier (pH>7) og vær varsom med frontlinse eller reflektor hvis denne er tilgjengelig. Ikke spray midler direkte på armatur. Særlig tilsmussede områder kan rengjøres med mildt såpevann, men prøv på et avgrenset område først. LED Driver eller åpne komponenter må ikke utsettes for vann eller fuktighet.

GARANTI: IPAS yter 5 års garanti. Se også ASLEM12 for mer informasjon.



IPAS AS

Østre Rosten 2A 7075 TILLER

www.ipas.no post@ipas.no Tlf 40 00 15 59.

V.28.05.2019





WIRELESS DIMMER - 150VA TRAILING EDGE VERSION

HBTD8200T

1. Technical Specifications

Product type	Bluetooth® Wireless Dimmer Module
Mains voltage	230VAC 50Hz
Load	1-150VA (Capacitive) / 1-150W (Resistive)
Stand-by power	<0.5W
Operation frequency	2.4 GHz - 2.483 GHz
Transmission power	7 dBm
Range (Typical)	15 ~ 30m
Protocol	Bluetooth® 4 Wireless Mesh
Operation temperature	Ta: -20 °C ~ +50 °C
Case temperature (Max.)	Tc: +80 °C
Storage temperature	-10°C ~ 60°C
Max. relative humidity	20 ~ 90%
IP rating	IP20
Impulse withstand voltage	2.5KV
Duty type	S1
Insulation material	PTI material group IIIa
Glow wire	level 3, 850°C
Protection	Built-in protection provide
Insulation	Class II Pollution degree 2
EMC standard (EMC)	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Safety standard (LVD)	IEC 61058-1, ENIEC 61058-1, IEC 61058-1-2 EN 61058-1-2, AS/NZS 61058.1
Radio Equipment (RED)	EN300 328, EN301489-1, EN301489-17, EN62479

3. Download the App

Free smart device App for set-up and commissioning



Compatible with iOS 9.0 or later



Compatible with Android 5.0 or later

Please refer to the Dimmer App User Manual for operating instructions.

4. Manual Override (S1 & S2 terminals)

The Switch-Dim terminal reserves the access of manual override function for the end-user to switch on/off, or adjust the light level by push-switch. Furthermore, by using the "binding" option in the App, entire groups of fixtures may be wirelessly controlled by a single switch. Please refer to the App user guide for further information.

* Short Push (<1s): permanent on/off function; can also be configured to recall scene selection
* Long Push (>1s): adjust the brightness level by turning the light up or down.

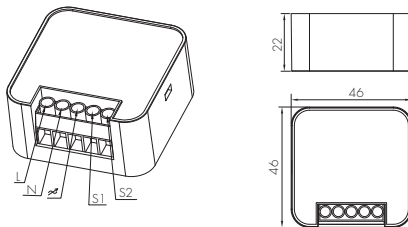
Notes:

- 1) Both the adjustment on App and push switch can overwrite each other, the last adjustment remains in memory.
- 2) The switch functions are configured in the App.
- 3) The S1 & S2 terminals may be left unconnected if no manual control is required.

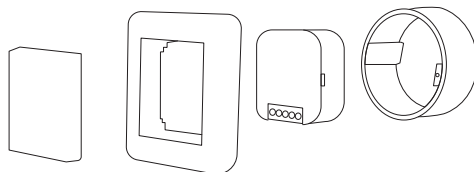
2. Installation

⚠ Warnings:

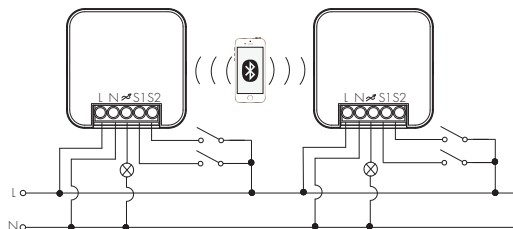
1. Installation must be carried out by a qualified engineer in accordance with local regulations.
2. Disconnect power supply before installing.
3. Ensure environmental conditions are suitable for electronic equipment.



Typical Switch Box Mounting



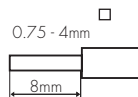
Wiring Diagram



Wire Preparation

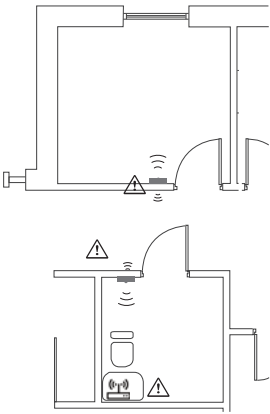
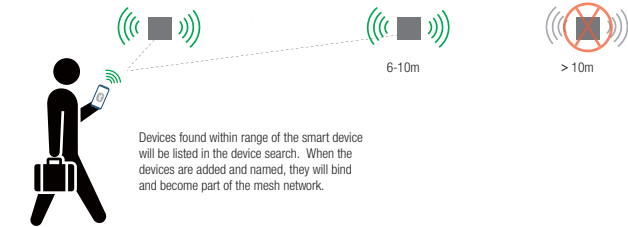


Rising clamp terminal.



5. Basic Principle of Building the Hytronik Bluetooth® Enabled Mesh Network

Smart Phone to Device Range



Notes:

The range for which a smart phone can communicate with the switch points will vary from model to model and is dependant on its Bluetooth® capability.

Device placement will also effect the smart phone communication range and may appear different for each switch position.

Finally, other environmental factors (as above) will influence the ultimate achievable range of communication between smart phone and luminaire device.

